

50. (Amended) A peptide consisting essentially of an amino acid sequence
selected from the group consisting of

CMYGGVTLHDGN (SEQUENCE ID NO: 32);
CMYGGVTLHNGN (SEQUENCE ID NO: 33);
CMYGGVTLHEGN (SEQUENCE ID NO: 34);
CMYGGVTLHQGN (SEQUENCE ID NO: 35);
CMYGGVTLHHGN (SEQUENCE ID NO: 36);
CMYGGVTEHDGN (SEQUENCE ID NO: 37);
CMYGGVTEHNGN (SEQUENCE ID NO: 38);
CMYGGVTEHEGN (SEQUENCE ID NO: 39);
CMYGGVTEHQGN (SEQUENCE ID NO: 40);
CMYGGVTEHHGN (SEQUENCE ID NO: 41);
CMYGGVTKHDGN (SEQUENCE ID NO: 42);
CMYGGVTKHNGN (SEQUENCE ID NO: 43);
CMYGGVTKHEGN (SEQUENCE ID NO: 44);
CMYGGVTKHQGN (SEQUENCE ID NO: 45);
CMYGGVTKHHGN (SEQUENCE ID NO: 46);
CMYGGVTPHDGN (SEQUENCE ID NO: 47);
CMYGGVTPHNGN (SEQUENCE ID NO: 48);
CMYGGVTPHEGN (SEQUENCE ID NO: 49);
CMYGGVTPHQGN (SEQUENCE ID NO: 50);
CMYGGVTPHHGN (SEQUENCE ID NO: 51);

CMYGGVTNHDGN (SEQUENCE ID NO: 51);
CMYGGVTNHNGN (SEQUENCE ID NO: 52);
CMYGGVTNHEGN (SEQUENCE ID NO: 53);
CMYGGVTNHQGN (SEQUENCE ID NO: 54);
CMYGGVTNHHGN (SEQUENCE ID NO: 55);
CMYGGITLHDGN (SEQUENCE ID NO: 56);
CMYGGITLHNGN (SEQUENCE ID NO: 57);
CMYGGITLHEGN (SEQUENCE ID NO: 58);
CMYGGITLHQGN (SEQUENCE ID NO: 59);
CMYGGITLHHGN (SEQUENCE ID NO: 60);
CMYGGITEHDGN (SEQUENCE ID NO: 61);
CMYGGITEHNGN (SEQUENCE ID NO: 62);
CMYGGITEHEGN (SEQUENCE ID NO: 63);
CMYGGITEHQGN (SEQUENCE ID NO: 64);
CMYGGITEHHGN (SEQUENCE ID NO: 65);
CMYGGITKHDGN (SEQUENCE ID NO: 66);
CMYGGITKHNGN (SEQUENCE ID NO: 67);
CMYGGITKHEGN (SEQUENCE ID NO: 68);
CMYGGITKHGGN (SEQUENCE ID NO: 69);
CMYGGITKHHGN (SEQUENCE ID NO: 70);
CMYGGITPHDGN (SEQUENCE ID NO: 71);
CMYGGITPHNGN (SEQUENCE ID NO: 72);

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CMYGGITPHEGN (SEQUENCE ID NO: 73);
CMYGGITPHQGN (SEQUENCE ID NO: 74);
CMYGGITPHHGN (SEQUENCE ID NO: 75);
CMYGGITNHDGN (SEQUENCE ID NO: 76);
CMYGGITNHNGN (SEQUENCE ID NO: 77);
CMYGGITNHEGN (SEQUENCE ID NO: 78);
CMYGGITNHQGN (SEQUENCE ID NO: 79); and
CMYGGITNHHGN (SEQUENCE ID NO: 80).

51. (Amended) A peptide of claim 50 wherein said amino acid sequence is
selected from the group consisting of

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CMYGGVTLHDGN (SEQUENCE ID NO: 32);
CMYGGVTLHNGN (SEQUENCE ID NO: 33);
CMYGGVTLHEGN (SEQUENCE ID NO: 34);
CMYGGVTLHQGN (SEQUENCE ID NO: 35);
CMYGGVTLHHGN (SEQUENCE ID NO: 36);
CMYGGVTEHDGN (SEQUENCE ID NO: 37);
CMYGGVTEHNGN (SEQUENCE ID NO: 38);
CMYGGVTEHEGN (SEQUENCE ID NO: 3);
CMYGGVTEHQGN (SEQUENCE ID NO: 39);
CMYGGVTEHHGN (SEQUENCE ID NO: 40);
CMYGGVTKHDGN (SEQUENCE ID NO: 41);

CMYGGVTKHNGN (SEQUENCE ID NO: 42);
CMYGGVTKHEGN (SEQUENCE ID NO: 43);
CMYGGVTKHQGN (SEQUENCE ID NO: 44);
CMYGGVTKHHGN (SEQUENCE ID NO: 45);
CMYGGVTPHDGN (SEQUENCE ID NO: 46);
CMYGGVTPHNGN (SEQUENCE ID NO: 47);
CMYGGVTPHEGN (SEQUENCE ID NO: 48);
CMYGGVTPHQGN (SEQUENCE ID NO: 49);
CMYGGVTPHHGN (SEQUENCE ID NO: 50);
CMYGGVTNHDGN (SEQUENCE ID NO: 51);
CMYGGVTNHNGN (SEQUENCE ID NO: 52);
CMYGGVTNHEGN (SEQUENCE ID NO: 53);
CMYGGVTNHQGN (SEQUENCE ID NO: 54); and
CMYGGVTNHHGN (SEQUENCE ID NO: 55).

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52. (Amended) A peptide of claim 50 wherein said amino acid sequence is selected from the group consisting of

CMYGGVTLHDGN (SEQUENCE ID NO: 32);
CMYGGVTLHNGN (SEQUENCE ID NO: 33);
CMYGGVTLHEGN (SEQUENCE ID NO: 34);
CMYGGVTLHQGN (SEQUENCE ID NO: 35);
CMYGGVTLHHGN (SEQUENCE ID NO: 36);

~~CMYGGVTEHDGN (SEQUENCE ID NO: 37);
CMYGGVTEHNGN (SEQUENCE ID NO: 38);
CMYGGVTEHEGN (SEQUENCE ID NO: 3);
CMYGGVTEHQGN (SEQUENCE ID NO: 39);
CMYGGVTEHHGN (SEQUENCE ID NO: 40);
CMYGGITLHDGN (SEQUENCE ID NO: 56);
CMYGGITLHNGN (SEQUENCE ID NO: 57);
CMYGGITLHEGN (SEQUENCE ID NO: 58);
CMYGGITLHQGN (SEQUENCE ID NO: 59);
CMYGGITLHHGN (SEQUENCE ID NO: 60);
CMYGGITEHDGN (SEQUENCE ID NO: 61);
CMYGGITEHNGN (SEQUENCE ID NO: 62);
CMYGGITEHEGN (SEQUENCE ID NO: 63);
CMYGGITEHQGN (SEQUENCE ID NO: 64); and
CMYGGITEHHGN (SEQUENCE ID NO: 65).~~

53. (Amended) A peptide of claim 50 wherein said amino acid sequence is selected from the group consisting of

CMYGGVTLHEGN (SEQUENCE ID NO: 34) ←
CMYGGVTEHEGN (SEQUENCE ID NO: 3);
CMYGGVTKHEGN (SEQUENCE ID NO: 43);
CMYGGVTPHEGN (SEQUENCE ID NO: 48);

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CMYGGVTNHEGN (SEQUENCE ID NO: 53);
CMYGGITLHEGN (SEQUENCE ID NO: 58);
CMYGGITEHEGN (SEQUENCE ID NO: 63);
CMYGGITKHEGN (SEQUENCE ID NO: 68);
CMYGGITPHEGN (SEQUENCE ID NO: 73); and
CMYGGITNHEGN (SEQUENCE ID NO: 78).

54. (Amended) A peptide consisting essentially of an amino acid sequence selected from the group consisting of CMYGGVTLHEGN (SEQUENCE ID NO: 34) and CMYGGVTEHEGN (SEQUENCE ID NO: 3).

55. (Amended) A peptide of any one of claims 50 to 54 wherein said amino acid sequence is a component of a larger molecule which is retained after dialysis to remove molecules with molecular weights of less than 6000-8000 daltons with the proviso that the larger molecule is not SEB or SEC or other native toxin.

REMARKS

1. Amendments

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

Claims 50 to 54, to which claim 55 refers, have been amended to set forth specifically defined amino acids with sequence identifiers.